

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 13 (cancelled)

14. (new) A lid assembly provided on a rear trunk of a convertible vehicle having a front, a rear and a longitudinal axis, and comprising a bodywork and a movable roof adapted to cover a passenger compartment of the vehicle in a first position and to uncover said passenger compartment in a second position, the lid assembly comprising:

a lid which has a front edge and a rear edge, which is hinged on the bodywork of the vehicle and which is locked relative to said bodywork in a releasable manner, both in the vicinity of the front edge and the rear edge, so as to be movable between a closed position and a first open position by pivoting from said front backwards about a rear axis, for allowing the roof to pass from said first position to said second position, and between said closed position and a second open position by pivoting from the rear forwards about a front axis, for a rear access to the rear trunk, and

control means adapted to open the lid from both said front backwards and rear forwards, and to close the lid, the control means comprising at least one articulated arm which is movable and operated between a retracted position in which the lid is in its closed position and a first deployed position in which the lid is in its open position, for having said roof pivoted about said rear axis, wherein said at least one articulated arm is further movable and operated between said retracted position and a second deployed position in which the lid is in its open position further to a pivoting about said front axis, so that

said deployment of said at least one articulated arm from the retracted position to said second deployed position operates the pivoting of the roof from the rear forwards, about said front axis.

15. (new) A lid assembly provided on a rear trunk of a convertible vehicle having a front, a rear and a longitudinal axis, and comprising a bodywork and a movable roof adapted to cover a passenger compartment of the vehicle in a first position and to uncover said passenger compartment in a second position, the lid assembly comprising:

a lid which has a front edge and a rear edge, which is hinged on the bodywork of the vehicle and which is locked relative to said bodywork in a releasable manner, both in the vicinity of said front edge and said rear edge, so as to be movable between a closed position and a first open position by pivoting from said front backwards about a rear axis, for allowing the roof to pass from said first position to said second position, and between said closed position and a second open position by pivoting from the rear forwards about a front axis, for a rear access to the rear trunk,

control means adapted to open the lid from both said front backwards and rear forwards, and to close said lid, the control means comprising at least one articulated arm which is movable and actuated between a retracted position in which the lid is in its closed position and a first deployed position in which the lid is in said open position, for having said roof pivoted from said front backwards, about said rear axis, and

an actuator which is connected to said at least one articulated arm and to the bodywork, and which is adapted to actuate the articulated arm, wherein said at least one articulated arm further operates the pivoting of the roof from said rear forwards, about said front axis, by being actuated by

said actuator to be deployed from said retracted position to a second deployed position in which the lid is in said open position further to having pivoted from said rear forwards, about said front axis.

16. (new) A lid assembly provided on a rear trunk of a convertible vehicle having a front, a rear and a longitudinal axis, and comprising a bodywork and a movable roof adapted to cover a passenger compartment of the vehicle in a first position and to uncover said passenger compartment in a second position, the lid assembly comprising:

a lid which has a front edge and a rear edge, which is hinged on the bodywork of the vehicle and which is locked relative to said bodywork in a releasable manner, both in the vicinity of said front edge and said rear edge, so as to be movable between a closed position and a first open position by pivoting from said front backwards about a rear axis, for allowing the roof to pass from said first position to said second position, and between said closed position and a second open position by pivoting from the rear forwards about a front axis, for a rear access to the rear trunk, and

control means adapted to open the lid from both said front backwards and rear forwards, and to close the lid, the control means comprising at least one articulated arm which is movable and operated between a retracted position in which the lid is in said closed position and a first deployed position in which the lid is in said open position, for having said roof pivoted about said rear axis, wherein:

said at least one articulated arm is further movable and operated between said retracted position and a second deployed position in which the lid is in said open position further to a pivoting about said front axis, so that said deployment of said at least one articulated arm from the retracted position to said

second deployed position operates the pivoting of the roof from the rear forwards, about said front axis, and

said at least one articulated arm is articulated on the lid about a first axis which is spaced apart from the front axis.

17. (new) The lid assembly according to claim 16, wherein said first axis is further spaced apart from the rear axis.

18. (new) A lid assembly according to claim 14, wherein said at least one articulated arm comprises:

a top rod connected, in the vicinity of a top end, to the lid, in a manner such as to pivot about a top axis transverse to the longitudinal axis of the vehicle, and

a bottom rod connected, in the vicinity of a bottom end, to the bodywork, in a manner such as to pivot about a bottom axis transverse to said longitudinal axis of the vehicle, and, in the vicinity of a top end, to said bottom end of the top rod in a manner such as to pivot about an intermediate hinge axis transverse to said longitudinal axis, said intermediate hinge axis being situated further forward than a straight line that interconnects said bottom and top hinge axes, when the lid is open backwards, the top axis being longitudinally situated between the front edge and the rear edge of the lid.

19. (new) The lid assembly according to claim 15, wherein:

said at least one articulated arm comprises:

a top rod connected, in the vicinity of a top end, to the lid, in a manner such as to pivot about a top axis transverse to the longitudinal axis of the vehicle, and

a bottom rod connected, in the vicinity of a bottom end, to the bodywork, in a manner such as to pivot about a bottom axis transverse to said longitudinal axis of the vehicle, and, in the vicinity of a top end, to said bottom end of the top rod in a manner such as to pivot about an intermediate hinge axis transverse to said longitudinal axis, and,

said at least one articulated arm defines, at said intermediate hinge axis, an angle pointing forwards when the lid is in its closed position and when said lid is in either of its open backwards and forwards positions.

20. (new) The lid assembly according to claim 15, wherein:

said at least one articulated arm comprises:

a top rod connected, in the vicinity of a top end, to the lid, in a manner such as to pivot about a top axis transverse to the longitudinal axis of the vehicle, and

a bottom rod connected, in the vicinity of a bottom end, to the bodywork, in a manner such as to pivot about a bottom axis transverse to said longitudinal axis of the vehicle, and, in the vicinity of its top end, to said bottom end of the top rod in a manner such as to pivot about an intermediate hinge axis transverse to said longitudinal axis, and,

said intermediate hinge axis is situated further backward than a straight line that interconnects the bottom and the top axes, when the lid is open forwards, and the top axis is situated between the front edge and the rear edge of the lid.

21. (new) The lid assembly according to claim 16, wherein:

said at least one articulated arm comprises:

a top rod connected, in the vicinity of a top end, to the lid, in a manner such as to pivot about a top axis transverse to the longitudinal axis of the vehicle, and

a bottom rod connected, in the vicinity of a bottom end, to the bodywork, in a manner such as to pivot about a bottom axis transverse to said longitudinal axis of the vehicle, and, in the vicinity of a top end, to said bottom end of the top rod in a manner such as to pivot about an intermediate hinge axis transverse to said longitudinal axis,

the rear trunk is laterally delimited by side walls of the bodywork, each having upwardly a top edge,

when the lid is open as backwards as forwards, an opening plane of the rear trunk is defined by said top edges of the side walls, and,

said at least one articulated arm is arranged so that, when the lid is open as backwards as forwards, the top end of the bottom rod is situated above said opening plane of the rear trunk.

22. (new) The lid assembly according to claim 21, wherein said at least one articulated arm is arranged such that, when the lid is open as backwards as forwards, a projection of the top rod in the opening plane extends beyond a perimeter defined by said top edges of the side walls.

23. (new) The lid assembly according to claim 14, wherein:

said at least one articulated arm comprises:

a top rod connected, in the vicinity of a top end, to the lid, in a manner such as to pivot about a top axis transverse to the longitudinal axis of the vehicle, and

a bottom rod connected, in the vicinity of a bottom end, to the bodywork, in a manner such as to pivot about a bottom axis transverse to said longitudinal axis of the vehicle, and, in the vicinity of a top end, to said bottom end of the top rod in a manner such as to pivot about an intermediate hinge axis transverse to said longitudinal axis, and,

a bottom end of the bottom rod is hinged to a portion of the bodywork that defines a floor for the rear trunk.

24. (new) The lid assembly according to claim 14, wherein the control means are disposed entirely inside the rear trunk when the lid is in the closed position.

25. (new) The lid assembly according to claim 14, wherein:

the lid is releasably locked relative to the bodywork through front reversible locking means and through rear reversible locking means,

said at least one articulated arm is articulated to the lid, remotely from said respective front and rear axes,

each of the respective front and rear reversible locking members comprises a first coupling member attached to the lid and a second coupling member attached to the bodywork,

one of said first and second coupling members is mounted to move between:

an unlocking position in which, when the lid is in the closed position and has to be opened, it is disposed relative to the other of said coupling members in a manner such that said other coupling member is released from it during opening of the lid,

and a locking position in which, when the lid is in the closed position and has to be left in said closed position, it retains said other coupling member.

26. (new) The lid assembly according to claim 15, wherein:

the lid is releasably locked relative to the bodywork through front reversible locking means and through rear reversible locking means,

said at least one articulated arm is articulated to the lid, remotely from said respective front and rear axes,

each of the respective front and rear reversible locking members comprises a first coupling member attached to the lid and a second coupling member attached to the bodywork,

one of said first and second coupling members is mounted to move between:

an unlocking position in which, when the lid is in the closed position and has to be opened, it is disposed relative to the other of said coupling members in a manner such that said other coupling member is released from it during opening of the lid,

and a locking position in which, when the lid is in the closed position and has to be left in said closed position, it retains said other coupling member.

27. (new) The lid assembly according to claim 26, wherein said at least one articulated arm is articulated directly to the lid, remotely from said respective front and rear axes.

28. (new) The lid assembly according to claim 15, wherein the actuator has a predetermined stroke, said at least one articulated arm and said actuator being secured in a hinged manner respectively to the bodywork and to each other at locations arranged so that the stroke of the actuator is substantially identical regardless of the opening of the lid from the rear forwards or from the front backwards.

29. (new) A convertible vehicle having a front, a rear and a longitudinal axis, and comprising a movable roof adapted to cover a passenger compartment of the vehicle in a first position and to uncover said passenger compartment in a second position, and a bodywork locally defining a rear trunk provided with a lid assembly, the lid assembly comprising:

a lid which has a front edge and a rear edge, which is hinged on the bodywork and which is locked relative to said bodywork in a releasable manner, both in the vicinity of its front edge and its rear edge, so as to be movable between a closed position and a first open position by pivoting from said front backwards about a rear axis, for allowing the roof to pass from said first position to said second position, and between said closed position and a second open position by pivoting from the rear forwards about a front axis, for a rear access to the rear trunk, and

control means adapted to open the lid from both said front backwards and rear forwards, and to close the lid, the control means comprising at least one articulated arm which is movable and operated between a retracted position in which the lid is in said closed position and a first deployed position in which the lid is in said open position, for having said roof pivoted about said rear axis, wherein said at least one articulated arm is further movable and operated between said retracted position and a second deployed position in which the lid is in said open position further to a pivoting about said front axis, so that

said deployment of said at least one articulated arm from the retracted position to said second deployed position operates the pivoting of the roof from the rear forwards, about said front axis.

30. (new) A convertible vehicle having a front, a rear and a longitudinal axis, and comprising a movable roof adapted to cover a passenger compartment of the vehicle in a first position and to uncover said passenger compartment in a second position, and a bodywork locally defining a rear trunk provided with a lid assembly, the lid assembly comprising:

a lid which has a front edge and a rear edge, which is hinged on the bodywork of the vehicle and which is locked relative to said bodywork in a releasable manner, both in the vicinity of said front edge and said rear edge, so as to be movable between a closed position and a first open position by pivoting from said front backwards about a rear axis, for allowing the roof to pass from said first position to said second position, and between said closed position and a second open position by pivoting from the rear forwards about a front axis, for a rear access to the rear trunk,

control means adapted to open the lid from both said front backwards and rear forwards, and to close the lid, the control means comprising at least one articulated arm which is movable and actuated between a retracted position in which the lid is in said closed position and a first deployed position in which the lid is in said open position, for having said roof pivoted from said front backwards, about said rear axis, and

an actuator which is connected to said at least one articulated arm and to the bodywork, and which is adapted to actuate the articulated arm, wherein said at least one articulated arm further operates the pivoting of the roof from said rear forwards, about said front axis, by being actuated by

said actuator to be deployed from said retracted position to a second deployed position in which the lid is in its open position further to having pivoted from said rear forwards, about said front axis.

31. (new) A convertible vehicle having a front, a rear and a longitudinal axis, and comprising a movable roof adapted to cover a passenger compartment of the vehicle in a first position and to uncover said passenger compartment in a second position, and a bodywork locally defining a rear trunk provided with a lid assembly, the lid assembly comprising:

a lid which has a front edge and a rear edge, which is hinged on the bodywork of the vehicle and which is locked relative to said bodywork in a releasable manner, both in the vicinity of its front edge and its rear edge, so as to be movable between a closed position and a first open position by pivoting from said front backwards about a rear axis, for allowing the roof to pass from said first position to said second position, and between said closed position and a second open position by pivoting from the rear forwards about a front axis, for a rear access to the rear trunk, and

control means adapted to open the lid from both said front backwards and rear forwards, and to close the lid, the control means comprising at least one articulated arm which is movable and operated between a retracted position in which the lid is in said closed position and a first deployed position in which the lid is in said open position, for having said roof pivoted about said rear axis, wherein:

said at least one articulated arm is further movable and operated between said retracted position and a second deployed position in which the lid is in said open position further to a pivoting about said front axis, so that said deployment of said at least one articulated arm from the retracted position to said

second deployed position operates the pivoting of the roof from the rear forwards, about said front axis, and

said at least one articulated arm is articulated on the lid about a first axis which is spaced apart from the front axis.

32. (new) The vehicle according to claim 29, wherein:

the lid is releasably locked relative to the bodywork through front reversible locking means and through rear reversible locking means,

said at least one articulated arm is articulated to the lid, remotely from said respective front and rear axes,

each of the respective front and rear reversible locking members comprises a first coupling member attached to the lid and a second coupling member attached to the bodywork,

one of said first and second coupling members is mounted to move between:

an unlocking position in which, when the lid is in the closed position and has to be opened, it is disposed relative to the other of said coupling members in a manner such that said other coupling member is released from it during opening of the lid,

and a locking position in which, when the lid is in the closed position and has to be left in said closed position, it retains said other coupling member.

33. (new) The vehicle according to claim 30, wherein:

the lid is releasably locked relative to the bodywork through front reversible locking means and through rear reversible locking means,

said at least one articulated arm is articulated to the lid, remotely from said respective front and rear axes,

each of the respective front and rear reversible locking members comprises a first coupling member attached to the lid and a second coupling member attached to the bodywork,

one of said first and second coupling members is mounted to move between:

an unlocking position in which, when the lid is in the closed position and has to be opened, it is disposed relative to the other of said coupling members in a manner such that said other coupling member is released from it during opening of the lid,

and a locking position in which, when the lid is in the closed position and has to be left in said closed position, it retains said other coupling member.

34. (new) The lid assembly according to claim 33, wherein said at least one articulated arm is articulated directly to the lid, remotely from said respective front and rear axes.